

TZP250-0.17-200

IB/E OPTICS presents a member of its Telecentric Prime Series TZP250-0.17-200.

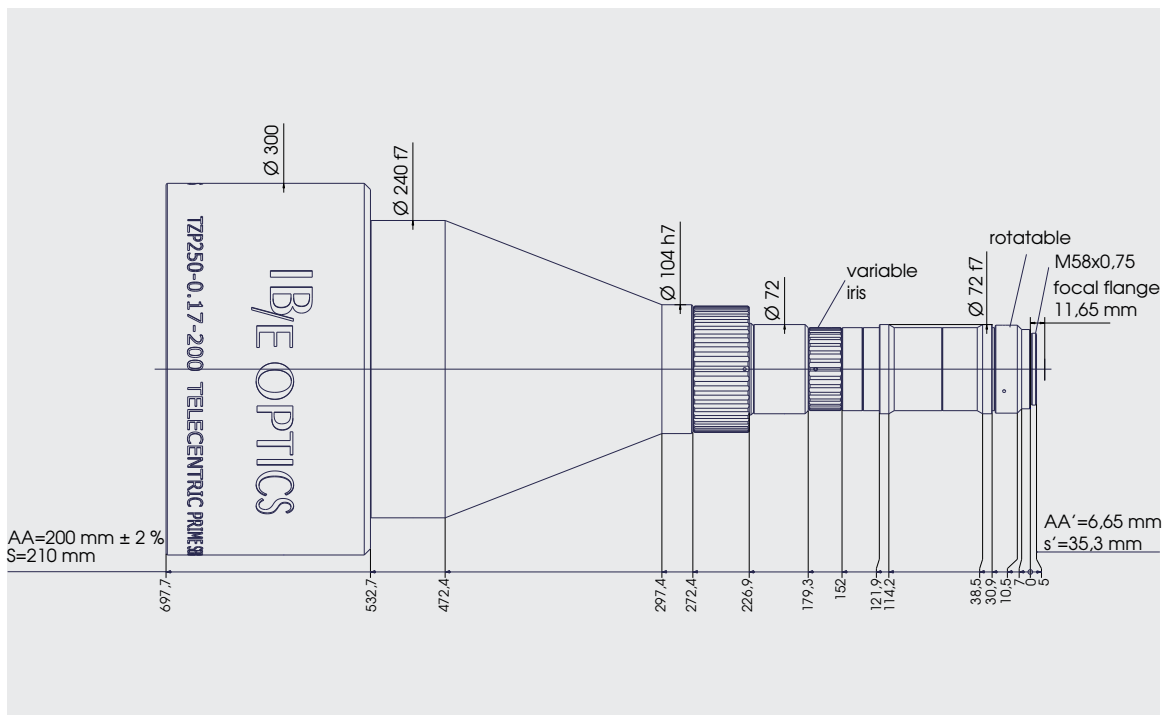
This telecentric lens fits for current 16MB cameras.

The lens offers superior image quality over the whole field at a \varnothing 43 mm image circle. The lens works well for the complete visible wavelength spectrum. See the resolution of more than 64 % at 32 lp/mm!

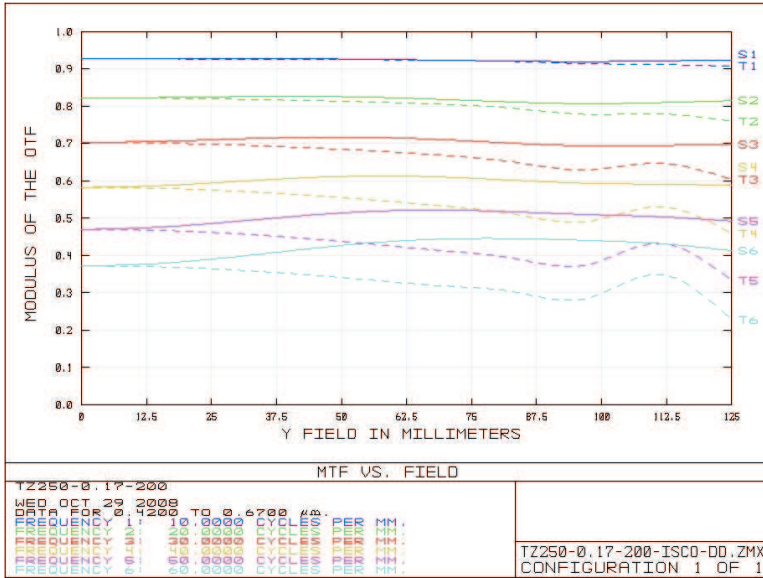
The lens is telecentric on both sides - therefore minimizing shading effects!



TZP250-0.17-200			
\varnothing Image circle	Small image (36 mm x 24 mm) \varnothing 43.3 mm	Object field small image	211 mm x 141 mm
Width object field (max)	211,8 mm	Working distance ($AA \pm 2\%$)	200,0 mm
Height object field (max)	141,2 mm	Imaging length OO'	910,0 mm
Wavelength	VIS 486 - 656 nm	Back focus length s	210,0 mm
Interface	M58x0.75	Linear magnification	1:5,9
Notes	All object fields are tolerated with $\pm 5\%$. OO' indicates the whole imaging length of the image field (typically CCD chip) to the object. s means the object-sided back focus length, i.e. the distance of the front lens to the object.	MAG (β) ($\pm 5\%$)	0,17
		Telecentricity	< 6,0mrad
		MTF @ 32 lp/mm	64%
		Distortion max	0,15%
		Apertur object-side	0,012
		F#	7
		Weight	14 kg



Report



Excellent MTF values up to 60 % over the whole field of view!

